Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 29 Apr 2023 until 23:59 on Sunday 30 Apr 2023

Forecast Issued on Saturday 29 Apr 2023 at 03:54

Confidence: Moderate confidence for the extent of afternoon showers. High confidence for another showery day tomorrow, but lower confidence in the detail and cloud amounts. Also high confidence for a gradual improvement from Bank Holiday Monday, with the shower risk receding, but low confidence in the details.

Headline for Saturday 29 Apr 2023: Rather cloudy in the west. Brighter with some sunshine in the east. Heavy showers likely developing this afternoon.

Mountain weather hazards on Saturday 29 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy rain showers	Heavy rain showers	Cloudy
Precipitation probability					
30%	20%	30%	60%	30%	30%

Forecast for Saturday 29 Apr 2023

Weather: Largely cloudy, with only limited bright or sunny intervals. Patchy light rain is possible at first, followed by scattered heavy showers breaking out this afternoon, these with a low risk of hail and thunder. This evening, showers ease to become light before finally fading away.

Chance of cloud-free hill tops above 600m: 40% rising to 90% by the afternoon.

Low cloud and visibility: Areas of cloud on summits above 500m, but clearing this morning. Some cloud returning to 600m during any heavy showers. Good views likely of distant peaks when outside of or below the clouds. This visibility falling to poor during any heavy showers or thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 29 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/6 SW	5/6 E	6/9 S	7/11 SE	7/10 E	9/13 SE	10/16 SE
300	3/3 E	3/4 E	5/8 SE	5/9 S	4/7 E	5/9 E	6/12 SE
Valley	2/3 E	3/5 SE	4/7 S	4/8 SE	4/9 E	6/11 E	6/10 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	8/7	9/8	10/9	10/9	9/7	9/7
300	9/9	11/11	12/11	13/13	12/12	11/10	11/10
Valley	9/9	12/11	13/12	15/14	13/12	11/10	11/9
Freezing Level*	1900m	1900m	2000m	2000m	2100m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling warm in any sunny spells. While there will be plenty of dry conditions around, waterproofs will be essential with the risk of being caught in heavy showers, or perhaps a thunderstorm later.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 29 Apr 2023	1.4mm	3.4mm	3.4mm

Forecast for Sunday 30 Apr 2023

Weather: Thickening cloud and scattered showers spread east during the early hours. The showers become locally very heavy through the morning, also slow moving with a risk of hail and thunder. Heaviest showers are likely to be in the west, and will persist through the afternoon then gradually fading away in the evening.

Maximum wind: Southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 40% during the morning, otherwise 80%

Low cloud and visibility: Cloud on summits above 400m for a time during the morning, otherwise hill tops largely clear. Although cloud likely returning to hills above 600m with any showers. Moderate views likely of distant peaks likely when outside of or below the clouds. This visibility falling to poor during heavy showers or thunderstorms.

Temperature: **Valleys:** Plus 3 Celsius rising to Plus 17 Celsius
At 600m: Plus 8 Celsius rising to Plus 10 Celsius
Freezing level: Above the summits.

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